tv

PHILIPS

Contents

Installation

Preparation 2
Keys on top of the TV 2
Your remote control 3-4
To use the menus 5
Select the menu language 5
Store TV channels 6
- Automatic installation 6
- Manual installation 6
- Give name 7
- Reshuffle the programme list 7
- Select favourite TV channels 7

TV setup menu 8
- General 8
- Source 9

Demo 9

Help?

If this instruction manual does not give an answer or if 'Tips' do not solve your TV problem, you can call your Local Philips Customer or Service Centre. See the supplied World-wide guarantee booklet.
Please, have the Model and Product number which you can find at the back of your television set or on the packaging, ready, before calling the Philips helpline.

Model: 30PF9975/69
Product No: .....

Care of the screen

See Tips, p. 20.

Operation

TV menu
- Picture menu 10-11
- Sound menu 11
- Features menu 12

Teletext 13-14

End of life directives

Philips is paying a lot of attention to producing environmentally-friendly in green focal areas. Your new TV contains materials which can be recycled and reused. At the end of its life specialised companies can dismantle the discarded TV to concentrate the reusable materials and to minimise the amount of materials to be disposed of.
Please ensure you dispose of your old TV according to local regulations.

Connect peripheral equipment

Connecting and selecting equipment 15-18
Audio and Video equipment keys 19
Record with your recorder with Easy Link 19

Tips 20

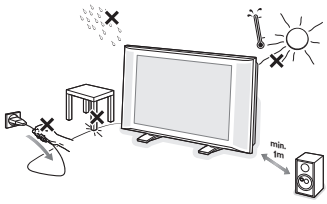
easy LINK

EasyLink features are based on the "one touch operation" approach. This means that a sequence of actions are executed at the same time in both the television and the video cassette recorder, provided both are fitted with the EasyLink function and connected with the eurocable supplied with your video recorder.

Preparation

❶ **Wall mounting instructions**
For the wall mounting instructions follow the illustrated steps on the separate template. Make sure that the wall mount is being fixed securely enough so that it meets safety standards. The weight of the TV (excl. packaging) is about 17 kg.
How to mount the supplied stand, see the separate leaflet.
Note: other (not supplied) stands are optional accessories. Consult your dealer.

❷ Place or hang the TV wherever you want, but make sure that air can circulate freely through the ventilation slots. Do not install the TV in a confined space such as a book case or a simular unit.



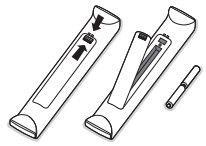
To prevent any unsafe situations, no naked flame sources, such as lighted candles, should be placed on or in the vicinity. Avoid heat, direct sunlight and exposure to rain or water. The equipment shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on it.

❸ Insert the aerial plug firmly into the aerial socket ⊓ at the bottom of the TV. For best picture quality use the suppressor-aerial cable supplied.

❹ To connect your computer, see p. 18.
To connect other peripherals, see p. 15.
In order to obtain the best result, please use only the supplied antenna cables between the TV and videorecorder, and between videorecorder and antenna connector.

❺ Insert the mains cord supplied into the mains at the bottom of the TV and in the wall socket having a mains voltage of 220-240V.
To prevent damaging the power (AC) cord which could cause a fire or electric shock, do not place the TV on the cord.

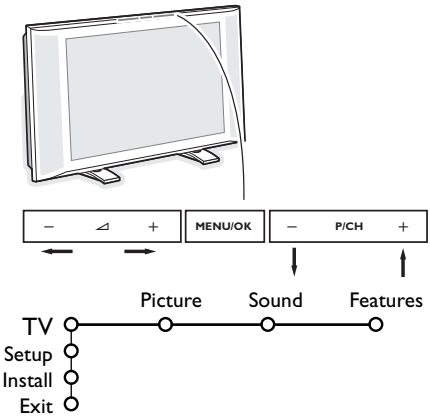
❻ **Remote control**: Insert the 2 batteries supplied (Type R6-1,5V).



The batteries supplied do not contain the heavy metals mercury and cadmium. Please check on how to dispose of exhausted batteries according to local regulations.

❼ **Switch the TV on** : Press the power switch ⏻ at the right side of the TV.
An indicator on the front of the TV lights up and the screen comes on. If the TV is in standby mode, press the **-P+** keys or the ⏻ key on the remote control.

Keys on top of the TV



Should your remote be lost or broken you can still change some of the basic settings with the keys on top of your TV.

Press:
• the ◿ **-** or **+** key to adjust the volume;
• the **-P/CH+** keys to select the TV channels or sources.

The **MENU/OK** key can be used to summon the main menu without the remote control.

Use:
• the ◿ - and + keys and the **P/CH-** and **P/CH+** keys to select menu items in the directions as shown;
• the **MENU/OK** key to confirm your selection.

Note:
*When activated via the **MENU/OK** key on top of the TV, only **Exit** lets you dismiss the menu.*
*Navigate to **Exit** and press the **MENU/OK** key.*

Use of the remote control RC4301

*Note: For most keys pressing a key once will activate the function. Pressing a second time will de-activate it. When a key enables multiple options, a small list will be shown. Press repeatedly to select the next item in the list. The list will be removed automatically after 4 seconds or press **OK** to remove immediately.*

Remark: in VGA mode only some keys are valid.

VCR DVD SAT AMP CD

See 'Audio- and Video equipment keys', p. 19.

Select your computer or other peripherals

See p. 17.

● ◀◀ ■ ▶ ▶▶

Audio and Video equipment keys, see p. 19.

● **Instant record**

See Record with your recorder with EasyLink, p. 19.

Time display

The time is displayed on the screen.

Surround mode

Incredible surround

With stereo transmission, and when Incredible surround is selected, it seems as though the loudspeakers are spread further apart from one another.

Virtual Dolby surround

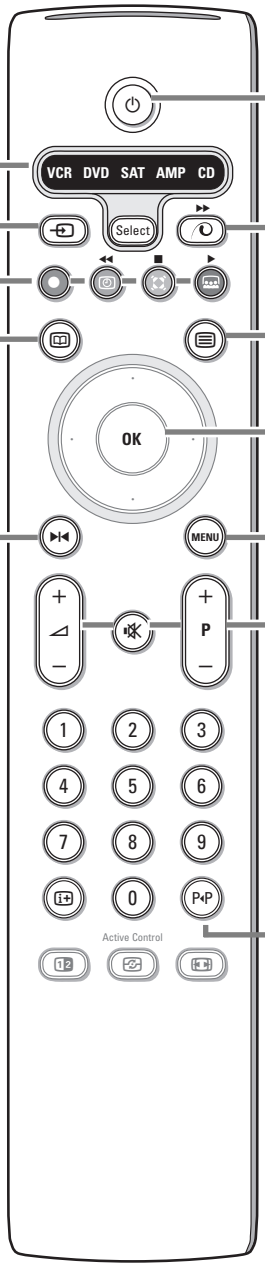
Optimal with Dolby surround signals. Enables you to experience the effect of Dolby surround Pro Logic, reproducing a rear sound effect. See Sound menu, 3D effect, p. 11.
Note: You can make the same selection in the Sound menu, surround mode, p. 11.

no function

no function

Freeze

To freeze the picture.
Dependent on the input signal, the function may not be possible.



Standby

Press to switch the TV on or off. When switched off, a red indicator on the TV lights up.

Pixel Plus demo on/off

In the right part Pixel Plus and Digital Natural Motion are switched on.

Teletext On/Off see p. 13

OK Press this key
- to activate your choice, when in the menus.
- to display the programme list.

MENU Main menu on/off see p. 5

To adjust the volume.

Interrupt the sound or restore it.

P Programme selection

To browse through the TV channels and sources stored in the favourite list.

0/9 Digit keys

To select a TV channel.
For a two digit programme number, enter the second digit before the dash disappears. To switch immediately to a selected one digit TV channel, keep the digit key pressed a bit longer.

Previous TV channel

Press to display the previously selected TV channel.

On Screen information

Press to display (when available) information about the selected TV channel and programme.

Menu/Remote control info

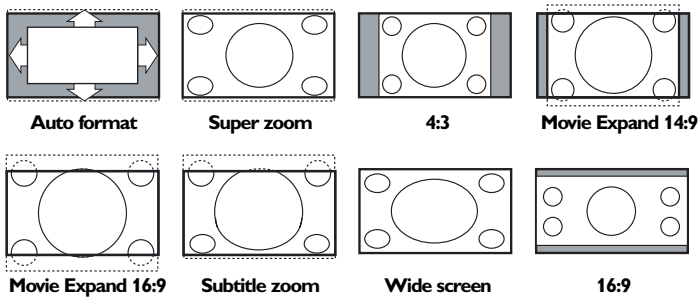
When a menu is on screen, press to display info on the selected menu item. While the menu info is displayed, press any key to display remote control info. The normal function of the key is not executed.

no function

Active control see p. 11.

Picture format

Press this key repeatedly or press the cursor up/down to select another picture format: Auto format, Super zoom, 4:3, Movie Expand 14:9, Movie Expand 16:9, Subtitle zoom, Wide screen or 16:9.



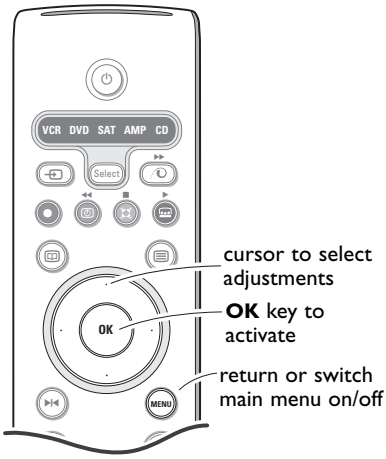
Auto format makes the picture fill the screen as much as possible.
In case of subtitles in the bottom black bar, Auto format makes the subtitles visible.
In case of a broadcaster logo in the corner of the top black bar, the logo disappears from the screen.

Super zoom removes the black bars on the sides of 4:3 programs with minimal distortion.

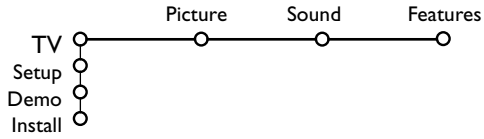
When in Movie Expand 14:9, Movie Expand 16:9, Super zoom or Subtitle zoom picture format, you can make subtitles visible with the cursor up/down.

*Note: With signals via **YPbPr** or the **VGA IN** connector less picture formats are selectable.*

To use the menus



1. Press the **MENU** key on the remote control to summon the main menu. At any moment you can exit the menu by pressing the **MENU** key again.

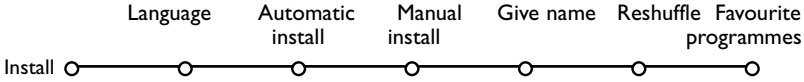


2. Use the cursor in the up/down direction to select the **TV**, **Setup, Demo** or **Install** menu.
   Use the cursor left/right to select **Picture**, **Sound** or **Features**.
   Note: Sometimes not all the menu items are visible on the screen (indicated by a cluster of blue balls). Use the cursor down or right to reveal all items.
3. Use the cursor in the left/right direction to select the menu item.
4. Use the cursor up/down again to select the control you want to select or to adjust.

Note: Items temporary not available or not relevant are displayed in a light grey colour and cannot be selected.

Installation

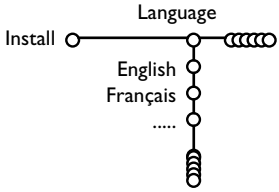
The installation menu contains the following items:



EasyLink

If your video recorder has an EasyLink function, during installation, the language and available channels are automatically transmitted to the video recorder.

Select the menu language

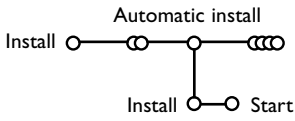


1. Press the **MENU** key on the remote control.
2. Use the cursor down to select **Install**.
3. Use the cursor right to select **Language**.
   Follow the instructions on screen.
4. Use the cursor up/down to select your preferred language and press the **OK** key to confirm your selection.
5. Proceed with the **Install** menu.

Store TV channels

After language is set correctly, you can now search for and store the TV channels in two different ways: using Automatic Installation or Manual Installation (tuning-in channel by channel).
Select your choice with the cursor right.

Automatic installation

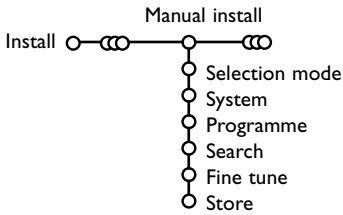


1. Select **Automatic install** in the Install menu.
   Note: All channels must be unlocked in order to autoprogram. If requested, enter your code to unlock all channels. (See TV, Features menu, Childlock, p. 12.)
2. Press the cursor down.
   The autoprogramming option label **Start** appears.
3. Press the cursor right.
4. The message **Searching** appears and the progress of autoprogramming is displayed.

When the Automatic installation is complete, the puck navigates to Install again. The channel list is automatically filled with all the channels numbers of the TV channels transmitted.

Note: Channels numbers and names will always be written in Latin characters, even when a language has been selected which uses other characters.

Manual installation



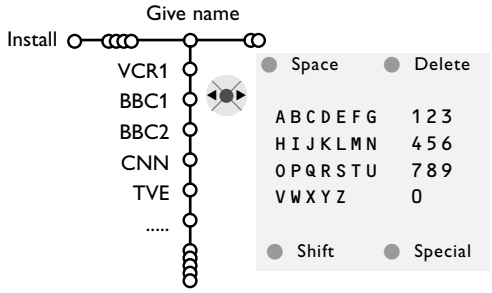
Searching for and storing TV channels is done channel by channel. You must go through every step of the Manual Installation menu.

1. Select **Manual install** in the Install menu.
2. Press the cursor down.
   Follow the instructions on screen.

   Note: Search or direct selection of a TV channel.
   If you know the frequency, the C- or S-channel number, enter the 3 or 2 digits of the frequency or the channel number directly with the digit keys 0 to 9 (e.g. 048). Press the cursor down to proceed.

   Repeat to search for another TV channel.

Give name



It is possible to assign a name to a TV channel. A name with up to 5 letters or numbers can be given to the programme numbers 0 to 99.

Note : It is not possible to rename the VGA source.

1. Select **Give Name** in the Install menu and press the cursor down.
2. Select the programme number.
   Note: keep the cursor up/down pressed to scroll through the programme list quickly.
3. Press the cursor right.
   A keyboard appears on the screen.
   Press the cursor right to enter the keyboard.
   Press the cursor up/down, left/right to select the first character and press **OK**. Repeat for every character you want to enter.
   Select **Space** to enter a space; **Delete** to erase the highlighted character in the name entered; **Shift** to display upper- or lowercase characters on the keyboard; **Special** to display special characters on the keyboard. Press **OK** to confirm.
4. Press the cursor left repeatedly when you have finished the name giving.
5. Select another programme number and repeat steps 3 to 4.

Reshuffle the programme list

You can change the order of the stored TV channels.

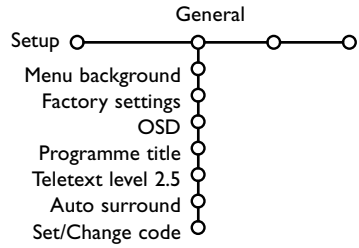
1. Select **Reshuffle** in the Installation menu.
2. Follow the instructions on screen.

Select Favourite TV channels

A VGA source always belongs to the list of **Favourite programmes**.

1. Select **Favourite programmes** in the Install menu.
2. Select your programme number with the cursor up/down.
3. Select **Yes** or **No** with the cursor right.
4. Repeat 2 and 3 for every TV channel or external you want to make a favourite or a non-favourite TV channel or external.

TV Setup



The Setup menu contains items that control the settings of the TV's functions, features, services and peripherals you may have connected.

The **General** menu allows you to change settings that will typically be accessed only occasionally.
The **Source** menu allows you to select a source.

Press the i+ key on the remote control to get information about the selected menu item.

General

This menu allows you to change various settings that are presumably adjusted less frequently than most other settings.

Menu background

Select **Yes** or **No** to turn the menu background on or off.

Factory settings

This resets the picture and sound settings to their predefined factory values, but maintains the channel installation settings.

OSD (On Screen Display)

1. Select **OSD**.
2. Select **Normal** to activate extended channel and programme information. **Minimum** will display reduced channel information.
   Note: When subtitles is switched on, see Features, p.12, display of the programme number is not possible

Programme title

Select **Programme title Yes** or **No**.
When selected **Yes**, after the selection of a TV programme or after pressing the i+ key on the remote control, a TV channel which broadcasts teletext may transmit the name of the TV channel or the programme title.
When selected **No**, the programme title will only appear after pressing the i+ key, and not after the selection of a TV channel.

Auto Surround

Sometimes the broadcaster transmits special signals for Surround Sound encoded programmes.
The TV automatically switches to the best surround sound mode when **Auto Surround** is switched **On**.

Teletext level 2.5

Some broadcasters offer the opportunity to see more colours, other background colours and nicer pictures in the teletext pages.

1. Select **Teletext level 2.5**.
2. Press the cursor right to select **Teletext level 2.5 On** to take advantage of this feature.
3. Press the cursor right again to select **Teletext level 2.5 Off** if you like the more neutral teletext layout.
   The selection made is valid for all channels which broadcast teletext level 2.5.

   Note: It may take a few seconds before teletext broadcast switches over to Teletext level 2.5.

Set/Change code

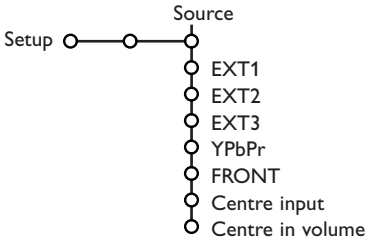
The Child lock feature (see TV, Features, p. 12) allows you to lock channels to prevent others from watching certain programmes. To watch locked channels, a 4-digit code must be entered. The Set/Change code menu item allows you to create or change a Personal Identification Number (PIN).

1. Select **Set/Change code**.
2. If no code exists yet, the menu item is set to **Set code**.
   If a code has previously been entered, the menu item is set to **Change code**. Follow the instructions on screen.

Important: You have forgotten your code !

1. Select **Change code** in the General menu and press **OK**.
2. Press the cursor right and enter the overriding code 8-8-8-8.
3. Press the cursor again and enter a new personal 4-digit code. The previous code is erased and the new code is stored.

Source



This menu allows you to indicate the peripheral you connected to one of the external inputs.

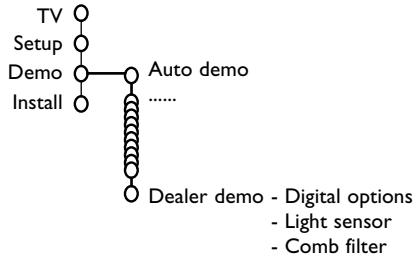
1. Press the cursor right to enter the list of types of peripherals attached to the selected input.
2. Select the peripheral device with the cursor up/down.

Once you have selected the source type, e.g. DVD, this source will automatically be selected when your remote control is in DVD mode, see p. 3, and when you press the ⊕ key on the remote control.

Centre input - Centre in volume

When you have connected a surround receiver to the TV, see p. 17, the loudspeakers of the TV can act as centre speaker, making a separate centre speaker unnecessary.
Select **Centre input On**.
When having selected **On** you can adjust the Centre in volume with the cursor left/right to correct volume level differences of the external audio receiver and speakers.

Demo



The Demo menu allows to demonstrate the TV features separately or in a continuous loop.

If **Auto demo** has been selected the demo will automatically present the features sequentially in a loop. Press one of the cursor keys to stop the Auto demo.
If one of the features has been selected, this particular feature demo will run only once, and the Demo menu will reappear.

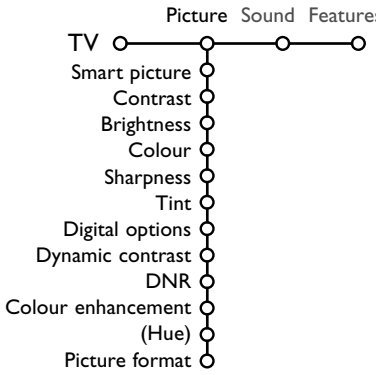
Note: The Dealer demo is not part of the automatic sequence and can only be activated separately.

TV menu

Press the **MENU** key on the remote control to summon the main menu.
Note: Dependent on the input signal, one or more menu items may not be selectable.

Press the i+ key on the remote control to get information about the selected menu item.

Picture menu



1. Press the cursor right to select **Picture**.
2. Select the menu items in the Picture menu with the cursor up/down.
3. Adjust the settings with the cursor left/right or enter the list of submenu items with the cursor right. Select a submenu item with the cursor up/down.

Note: To remove the menu background before adjusting the picture settings, see Select TV setup, General, p. 8.

Smart picture

Select **Smart picture** to display a list of predefined picture settings, each corresponding with specific factory settings. **Personal** refers to the personal preference settings of picture in the picture menu.

Digital options

Pixel Plus is the most ideal setting, doubles the horizontal resolution and increases the number of lines with 33%.
You may consider to select Movie Plus in case a halo effect should disturb you. Dependent on your own preference, select Progressive scan.

Dynamic contrast

Sets the level at which the TV automatically enhances the details in dark, middle and light areas of the picture.

DNR (Dynamic Noise Reduction)

This sets the level at which noise is measured and reduced in the picture.

Colour enhancement

This makes the colours more vivid and improves the resolution of details in bright colours.

Hue

This compensates for the colour variations in NTSC encoded transmissions.

Picture format

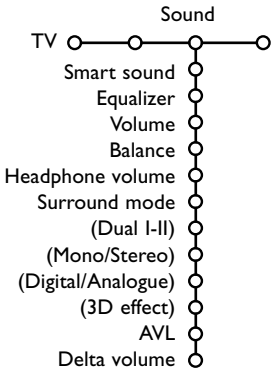
This will adjust the size of the picture dependent on the broadcast format and your preferred setting.

Active Control

The TV continuously measures and corrects all incoming signals in order to provide the best picture possible.

1. Press the key on the remote control.
2. The Active Control menu appears.
3. Press the cursor up/down to select the Active Control values **Off**, **Minimum**, **Medium** (recommended) or **Maximum**.
   The picture settings are being optimised continuously and automatically which is displayed by bars. The menu items can not be selected.
4. Press the cursor right to select **Smart Picture**.
5. Press the cursor up/down to select one of the predefined picture settings.
6. Press the cursor right to select **Active Display**.
7. Press the cursor up/down to select **Show bars**, one of the Dual screen demos or **Off**.
   When you select Dynamic contrast, Pixel Plus, Digital Noise Reduction or Digital Natural Motion, the TV screen is divided into two parts: in the left part the selected picture quality setting is switched off; in the right part it is switched on.
   Note: Dependent on the input signal, one or more Dual screen demos may not be selectable.
8. Press the key again to switch off the Active Control menu.

Sound



1. Press the cursor right to select **Sound**.
2. Select the menu items in the Sound menu with the cursor up/down and adjust the settings with the cursor left/right. Remember, control settings are at normal mid-range levels when the bar scale is centred.

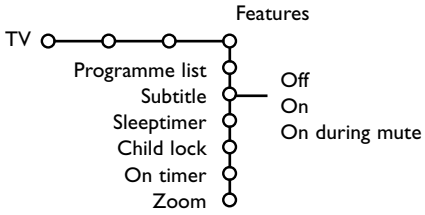
Smart sound

Select Smart sound to display a list of predefined sound settings, each corresponding with specific factory settings of Treble and Bass. **Personal** refers to the personal preference settings of sound in the sound menu.

Notes:

- *Dual* **I-II** *is only available with dual sound transmission.*
- *Mono/Stereo is only selectable in case of analogue stereo transmission.*
- *Digital/Analogue is only selectable in case of digital transmission.*

Features menu



1. Press the cursor right to select **Features**.
2. Select the menu items with the cursor up/down and adjust the settings with the cursor left/right.

Use the on-screen Menu-Info i+ for more information about the menu items.

Programme list

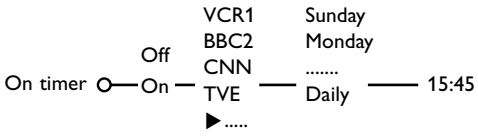
Press the **OK** key to switch over to the selected TV channel or external.

Select subtitles

The subtitle page must be stored for each TV channel:
Switch on teletext and select the proper subtitle page from the index. Switch off teletext.
Subtitle On will automatically display them on the selected TV channels if subtitles are in the transmission. A symbol will indicate that the mode is on.
Select **On during mute** when you want to have the subtitles automatically displayed only when the sound has been muted with the 🔇 key on the remote control.

On timer

1. Select **On timer** with the cursor down.

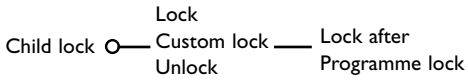


2. Select **On** with the cursor right.
3. Press the cursor right again to enter the programme list.
4. Select the TV channel or external you want your TV to switch to on a selected time and day.
5. Press the cursor right again to select a day of the week or to select **Daily**.
6. Press the cursor right once again to enter the time with the digit keys or with the cursor up/down and press the **OK** key to activate.
7. Press the **MENU** key to turn off the menu.
Note: To check your timer settings, press the i+ key.

Child lock

Note: A VGA source can not be locked.

1. Select **Child lock**.



2. Press the cursor right to enter the Child lock menu. You're summoned to enter your code.
Note: You have to re-enter your code each time you enter the child lock menu.

Important: You have forgotten your code ! See p. 8.

3. Select one of the menu items of the child lock menu:
   - **Lock** if you want to lock all channels and externals.
   - **Custom lock** and press the cursor right. Select:
   - **Lock after** if you want to lock all programmes from a certain time onwards.
     Press the cursor right and enter the time with the cursor up/down and right. Press the **OK** key to validate.
   - **Programme lock** if you want to lock a certain TV channel or external;
   - Select **Unlock** to disable all locks you have set.

Zoom

Note: Dependent on the input signal, Zoom may not be selectable.

1. Select **Zoom** with the cursor down and press the ok key.
2. Press the **OK** key to select one of the zoom magnifications (x1, x4, x9, x16).
3. Additionally you can shift the selected zoom window over the screen with the cursor keys up/down, left/right.
4. Press the **MENU** key to turn off the zoom function.

Teletext

Most TV channels broadcast information via teletext. This TV has a 1200 pages memory that will store most broadcasted pages and subpages to reduce waiting time. After each programme change, the memory is refreshed.

Switch Teletext on and off

Press ☰ to switch the teletext on.

102 «03 04 05 06 07 08 09 10 11 12»
BBC CEEFAX 102 Mon 05 Feb 16.35.22
BBC CEEFAX
LIONS RECORD ANOTHER WIN 430
Index 100 News 300
BBC Info 110 Headlines 305
Children 120 Weather 400
Cookery 150 Sports 415
Education 200 Radio 500
Lottery 230 Travel 550
Finance 240 Subtitling 888
Music 280 TV Listings 600
Red Green Yellow Blue

Select a Teletext page

- Enter the desired page number with the digit keys, the cursor keys up/down, left/right or with the **-P+** key.
- Select the options at the bottom of the screen with the colour keys.

Previously selected teletext page

(Only possible in case there is no list of favourite teletext pages available. See p. 14.)
Press the P◂P key.

Select the index teletext page

Press the grey colour key ▶▶ to display the main index (usually p.100).

Only for T.O.P teletext broadcasts :

Press i+. A T.O.P. overview of the teletext subjects available is displayed.
Select with the cursor up/down, left/right the desired subject and press the **OK** key.
Not all TV channels broadcast T.O.P. teletext.

Select subpages

When a selected teletext page consists of different subpages, a list of available subpages appears on the screen.
Press the cursor left or right to select the next or previous subpage.

Enlarge a Teletext page

Press ⧉ repeatedly to display the upper teletext part, the lower teletext part and then to return to the normal teletext page size.
When the teletext page is enlarged, you can scroll the text, line by line using the cursor up/down.

Hypertext

With hypertext you can quickly jump to a pagenumber or search for a specific word shown on the current teletext page.

1. Press the **OK** key to highlight the first word or a number on the page.
2. Use the cursor up/down, left/right to select any other word or number you want to search for.
3. Press the **OK** key to confirm. The search starts. A message appears at the bottom of the screen to indicate the searching, or that the word or page is not found.
4. Use the cursor up to exit hypertext.

Teletext menu

1. Press the **MENU** key to activate the menu.
2. Press the cursor up/down to select the menu items.
3. Press the cursor right to activate.

Reveal

Reveals/conceals hidden information on a page, such as solutions to riddles and puzzles.
Press the cursor right to activate.

Favourite

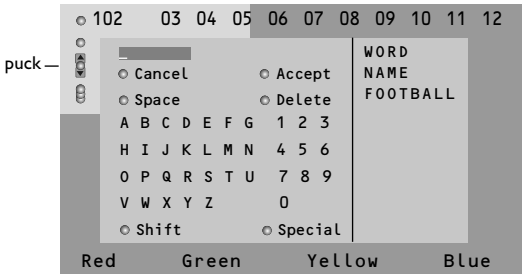
This list contains up to eight favourite teletext pages. Only the pages of the current channel can be selected.

1. Press the cursor right to enter the list.
2. Press the cursor right again to add the current page or to select one of the favourite pages to the list.
3. Press the **MENU** key to watch the page.
4. Use the P‹P key to browse through the list of favourite pages.

Search

Selecting a word

On the keyboard on screen you can type in a random word you want to search for in the teletext pages. Whether upper- or lowercase is used has no influence.



1. Press the cursor right to enter the keyboard.
2. Press the cursor left/right, up/down to select the characters, words or functions.
3. Press the **OK** key to confirm each character selected.
4. Select **Cancel** to cancel the word; **Space** to enter a space; **Delete** to delete the last character selected; **Shift** to switch between lowercase or capital characters; **Special** to display special characters on the keyboard and press the **OK** key.
5. Press the cursor left repeatedly to return to the Teletext menu again.

Searching a word

1. Type in the word on screen or select a word from the history list on the right and press **OK**.
2. Select **Accept** and press **OK** again. The message Searching appears.
3. To cancel the searching or to search for a new word, select **Keyboard** and press **OK**.
4. When a word is not found, a message appears. When the word is found, it is highlighted in the teletext page. To continue the search, press the **OK** key.

Cycle subpages *(if available)*

Makes the subpages cycle automatically.
Press the cursor right to activate and to de-activate again.

Timed page

To display a specific page from a selected TV channel at a certain time.

1. Press the cursor right and select **Yes** or **No**.
2. Enter the time and pagenumber with the cursor keys or the digit keys.
   Notes:
   - *Teletext does not have to remain switched on, but you should watch the TV channel you have selected the specific page from.*
   - *It is not possible to display a timed page when in VGA mode.*
3. Press the cursor left to return to the TV menu again.

Language

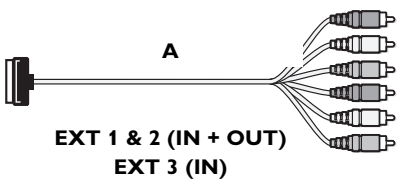
If the displayed characters on screen do not correspond with the characters used by the teletext broadcaster, you can change the language group here.
Select **Group 1** or **Group 2** with the cursor right.

Press the **MENU** key to leave the Teletext menu.

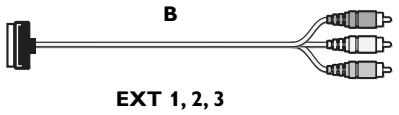
Connect Peripheral Equipment

There is a wide range of audio and video equipment that can be connected to your TV.
The following connection diagrams show you how to connect them.

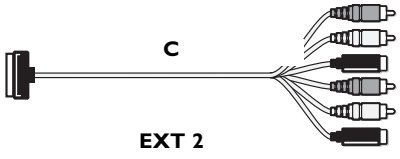
3 special cables (scart to cinch) are provided with your TV.



AUDIO IN Right (red)
AUDIO IN Left (white)
VIDEO IN (yellow)
AUDIO OUT Right (red)
AUDIO OUT Left (white)
VIDEO OUT (yellow)



VIDEO (yellow)
AUDIO Left (white)
AUDIO Right (red)



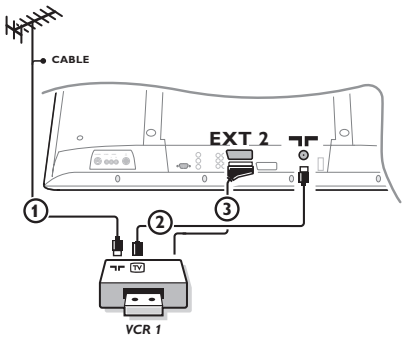
AUDIO IN Right (red)
AUDIO IN Left (white)
S-VHS IN (yellow)
AUDIO OUT Right (red)
AUDIO OUT Left (white)
S-VHS OUT (yellow)

*Note: **EXT1** can handle CVBS and RGB; **EXT2** CVBS, Y/C and RGB; **EXT3** CVBS; **Y-Pb-Pr** 480p, 576p, 1080i; **VGA IN** can handle VGA, SVGA, XGA and 480p, 576p, 1080i.*
*It is preferred to connect peripherals with RGB output to **EXT1** or **EXT2** as RGB provides a better picture quality.*

*Note: If your recorder is provided with the EasyLink function, it should be connected to **EXT2** to benefit from the EasyLink functionality.*

Recorder (VCR-DVD+RW)

Note: Do not place your recorder too close to the screen as some recorders may be susceptible for signals out of the display. Keep a minimum distance of 0,5 m to the screen.

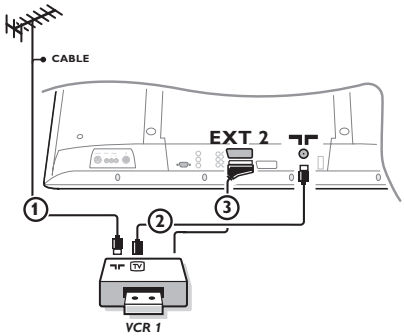


Connect the aerial cables ①, ② and, to obtain the optimum picture quality, supplied cable **A** ③ as shown.

If your recorder has S-VHS video jacks:

For improved picture quality, connect the supplied cable **C** with the S-VHS video jacks instead of cable ③.

Other equipment (satellite receiver, decoder, DVD, games, etc.)

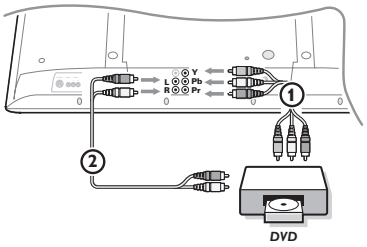


❶ Connect the aerial cables ①, ② and ③ as shown (only if your peripheral has TV aerial in-/output).

❷ Connect your equipment with the supplied cable **B** ④ or ⑤ to one of the euroconnectors **EXT1**, **2** or **3** to obtain a better picture quality.

❸ Make a selection in the Setup, Source menu, p. 9.

DVD player

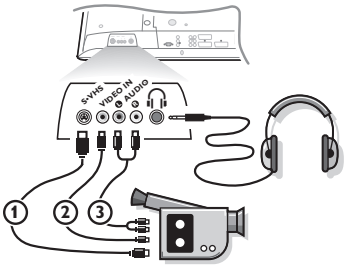


With Component Video Output Connectors (YPbPr)

❶ Connect the three separate component video cables to the DVD player's **Y**, **U** (Pb) and **V** (Pr) jacks and to the Y, Pb and Pr jacks on the TV.

❷ Connect the audio cable to the DVD player's **AUDIO L** and **R** jacks and to the **L** and **R** audio **YPbPr** jacks on the TV.

Front connections



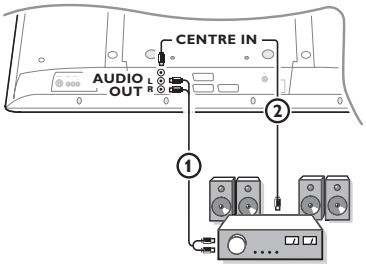
Camera or Camcorder

1. Connect your camera or camcorder as shown.
2. Connect to **VIDEO** ② and **AUDIO L** ③ for mono equipment. For stereo equipment also connect **AUDIO R** ③. S-VHS quality with an S-VHS camcorder is obtained by connecting the S-VHS cables with the **S-VIDEO** input ① and **AUDIO** inputs ③.
   Do not connect cable ① *and* ② *at the same time. This may cause picture distortion !*

Headphone

1. Insert the plug into the headphone socket 🎧 as shown.
2. Press 🔇 on the remote control to switch off the internal loudspeakers of the TV.
   The headphone impedance must be between 8 and 4000 Ohm. The headphone socket has a 3.5 mm stereo jack.
   In the Sound menu select **Headphone volume** to adjust the headphone volume.

Multi channel Surround receiver



1. Connect the audio cable to the multi channel Surround receiver and to **AUDIO OUT L** and **R** at the bottom of your TV ①.
2. If you want the loudspeakers of your TV to act as centre speaker, also connect an audiocable to the multi channel Surround receiver and to the **CENTRE IN** at the bottom of your TV ②.
3. Select **Centre Input On** in the Source menu. See p. 9.

   The loudspeakers of the TV will now only produce centre sound, the loudspeakers connected to the audio receiver will produce Surround Sound. The volume has to be controlled via the multi channel Surround receiver.

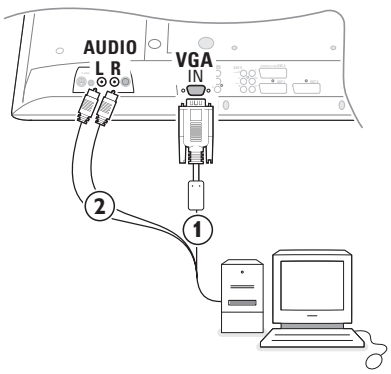
   Note: No sound will be heard when a TV channel or external source is blocked via the Child lock menu (see p. 12).

To select connected equipment

Press the ⊕ key on the remote control repeatedly, or select Source in the Setup menu (see p. 9) to select **EXT1**, **EXT2**, **EXT3**, **YPbPr**, **FRONT** or **VGA** according to where you connected your equipment.

Remark : Most equipment (decoder, recorder) carries out the switching itself, when it is switched on.

Connect your computer



1. Connect one end of a VGA cable (1) to the video card of the computer and the other end to the **VGA** connector at the bottom of the TV.
   Fix the connectors firmly with the screws on the plug.
2. In case of a Multimedia computer, connect the audio cable (2) to the audio outputs of your Multimedia computer and to the **AUDIO R** (right) and **L left)** inputs of the side panel.

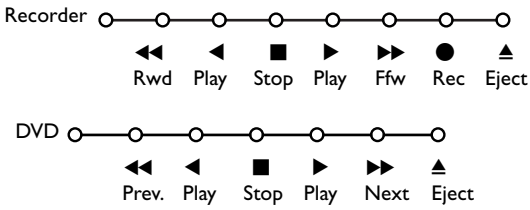
The **VGA IN** connector allows the following TV and monitor display modes:

EDTV	640/720 x 480p	
	720 x 576p	
HDTV	1920 x1080i	
VGA	640 x 480	60 Hz
SVGA	800 x 600	56 Hz
XGA	1024 x 768	60 Hz

Note:
If possible, use the XGA1024x768@60Hz video mode to obtain the best image quality for your LCD monitor.

Recorder or DVD with EasyLink

The recorder (VCR or DVD+RW) or DVD can be operated with the remote control via the **Recorder** or **DVD** menu on screen.



1. Press the **MENU** key on the remote control.
2. Select the **Recorder** or **DVD** menu with the cursor up/down.
3. Press the cursor left/right, up/down to select one of the recorder or DVD functions.

The key ● for recording can be operated in the TV mode.
If your EasyLink recorder has the system standby function, when you press the ⏻ key for 3 seconds, both TV and the recorder are switched to standby.

Audio- and video equipment keys

Most of the audio and video equipment from the Philips range of products can be operated with the remote control of your TV.

Press the **Select** key to operate any of the equipment indicated in the display. Another device can be selected by pressing Select repeatedly within 2 seconds. The led will blink slowly to indicate the device.
Press one of the keys on the remote control to operate the peripheral equipment.
To return to TV mode press **Select** while the led is blinking.
When no action is taken within 60 seconds, the remote goes back to TV mode.

Note: When the Select key is pressed and hold for more than 2 seconds, the RC5/RC6 system select command is transmitted.

- ⏻ to switch to standby
- ⏯ for pause (**VCR**, **DVD**, **CD**)
- ● for record
- ◀◀ for rewind (**VCR**, **CD**); search down (**DVD**, **AMP**)
- ■ for stop
- ▶ for play
- ▶▶ for fast forward (**VCR**, **CD**); search up (**DVD/AMP**)
- 🕮 to select your choice of subtitle language (**DVD**); RDS news/TA (**AMP**); to shuffle play (**CD**)
- ☰ to select a **DVD** title; RDS display (**AMP**); info on screen (**CD**)
- i+ display information

MENU to switch the menu on or off
- P + for chapter, channel, track selection
0 to 9 digit entry
P◂P tape index (**VCR**), select a DVD chapter, select a frequency (**AMP**)
⏲ VCR timer
surround on/off (**AMP**, **CD**)
cursor up/down
to select the next or the previous disc (**CD**)
cursor left/right
to select the previous or following track (**CD**)
search up/down (**AMP**)

Selecting submodes for DVD+RW, SAT, CDR

1. The remote control should be in TV mode.
2. Press the **OK** key together with

- digit 1: **DVD** mode is selected
- digit 2: **DVD+RW** mode is selected
- digit 3: **SAT (RC5)** mode is selected
- digit 4: **SAT (RC6)** mode is selected
- digit 5: **CD** mode is selected
- digit 6: **CD-R** mode is selected.

Record with your recorder with EasyLink

In TV mode, it is possible to start a direct recording of the programme which is being displayed on the TV screen.
Continue to press the ● record key on the remote control for more than 2 seconds.

Note:
Switching programme numbers on your TV does not disturb recording !
*When recording a programme from a peripheral connected to **EXT. 1**, **EXT. 3, YPbPr** or **FRONT**, you can not select another TV programme on the screen.*

Attention:
Recording from YPbPr will only have black and white pictures !

Tips

Care of the screen	Do not touch, push or rub or strike the screen with anything hard as this may scratch, mar or damage the screen permanently. And please do not rub with dust clothes with chemical treatment. Do not touch the surface with bare hands or greasy cloth (some cosmetics are detrimental to the screen). Unplug the TV before cleaning the screen. When the surface becomes dusty, please wipe gently with absorbent cotton or other soft materials like chamois soaks. Do not use acetone, toluene and alcohol because they cause chemical damage. Do not use liquid cleaners or aerosol cleaners. Wipe off saliva or water drops as soon as possible. Their long time contact with the screen causes deformations and colour fading.
Poor Picture	• Have you selected the correct TV system in the manual installation menu? • Is your TV or house aerial located too close to loudspeakers, non-earthed audio equipment or neon lights, etc.? • Mountains or high buildings can cause double pictures or ghost images. Sometimes you can improve the picture quality by changing the direction of the aerial. • Is the picture or teletext unrecognisable? Check if you have entered the correct frequency. See Installation, Manual installation, p. 6. • Are brightness, sharpness and contrast out of adjustment? Select Factory settings in the Setup, General menu, p. 8.
No Picture	• Are the supplied cables connected properly ? (The aerial cable to the TV, the other aerial to your recorder, the VGA cables to the display, the power cables.) • Has the child lock been switched off ? • Is your PC switched on ? • Do you see a black screen and the indicator in front of the TV lights up green, this means that the display mode is not supported. Switch your VGA-source to a correct mode. • In case of weak or bad signal, consult your dealer.
Digital distortion	The low quality of some digital picture material may be the cause of digital image distortion. In this case select the Soft setting using the Picture menu, Smart Picture, without changing the picture settings manually.
No sound	• No sound on any channel? Check the volume isn't at minimum. • Is the sound interrupted with the mute key 🔇 ?
No solution found for your picture or sound problem ?	Switch your TV off and then on again once. Never attempt to repair a defective TV yourself. Check with your dealer or call a TV technician.
Menu	Have you selected the wrong menu? Press the **MENU** key again to exit from the menu.
Remote control	• Check if the remote control is in the correct mode. • If your TV no longer responds to the remote control, the batteries may be dead. • You can still use the **MENU/OK** key and the -/+ keys on top of your TV.
Standby	Your TV consumes energy in the standby mode. Energy consumption contributes to air and water pollution. Power consumption: 2 W.
No stable or not synchronised VGA picture	Check if you have selected the correct VGA mode in your PC. See the separate instruction manual with the monitor.
Miscellaneous	. Ambient temperature: + 5~ + 35°C . Mains: 50/60 Hz Auto Voltage ranging from 198 V to 264 V . Power consumption: around 160 W . Standby consumption: 1 W . Weight (excl. packaging): 17 kg . Dimensions (wxhxd): 891x489x110

3104 315 2244.2